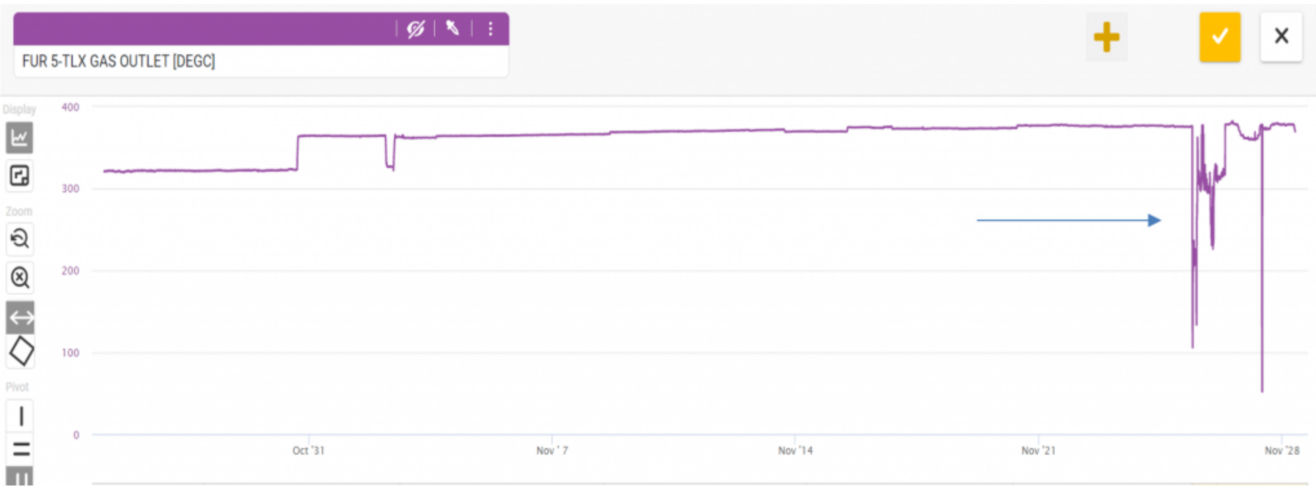
# TLX TRANSMITTER FAILURE – CASE STUDY

## EVENT REPORTED by SAM GUARD®

Detected an abnormal trend of the gas temperature at the exit from the TLX  (Equipment used to crack hydrocarbons).

## MAINTENANCE TEAM FINDINGS

Following the SAM GUARD® alert, the plant team found out that the capacitor of the transmitter in the TLX had burned out and managed to replace it on time.




## COST / DOWNTIME AVOIDED

The plant team wasn’t aware that something is wrong with the

temperature in the TLX.
In the TLX takes place the cracking process, the temperature is lowered from 800°C to 400°C immediately in order to crack the hydrocarbons to the required products.

It is highly important to have the right temperature because otherwise the hydrocarbons will not crack properly, and we will receive different products.

Due to SAM GUARD® alert, the device was replaced on time and major problems were prevented.

## CUSTOMER FEEDBACK

“Excellent alert by SAM GUARD®. SAM GUARD® detected a crucial malfunctioning temperature indicator which has a significant effect on the production process and the quality of the final product.”